

Afghanistan - Open Educational Resources in Afghanistan 2016

Research on Open Educational Resources for Development

Report generated on: November 15, 2021

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Overview

Identification

ID NUMBER

afg-roer4d-oera-2016-v1.1

Version

VERSION DESCRIPTION

v1.1: Edited, anonymised dataset for public distribution.

PRODUCTION DATE

2017

Overview

ABSTRACT

The Darakht-e Danesh Library (DDL) is a young digital repository of Open Educational Resources (OER). Intended for use by school teachers in Afghanistan, it was developed on the premise that increased access to a growing collection of OER will improve teachers' subject matter knowledge as well as their teaching practice. This impact study sought to determine whether the OER accessed via the DDL would enable teachers' better use of supplementary educational content in their teaching practice; and, whether this content would positively impact the educators' subject knowledge and pedagogical practice. The study utilised a mixed methods approach in order to examine the behaviour and practices of a group of 51 secondary school teachers in the rural province of Parwan in Afghanistan. The study found that when the library was used, the OER in the DDL positively impacted teachers' knowledge and helped them in lesson preparation; however, many teachers stuck to using only the traditional textbook to prepare their lesson plans even after exposure to the DDL. Teachers also found the OER helpful in creating assessment activities for their students, but there was no observed improvement in teacher understanding or use of formative or summative assessments. There was limited understanding among the teachers of the exact meaning of "open", with most viewing OER as learning materials obtained from the internet, libraries, or simply from outside of their school; teachers made little reference to licensing or to the accessibility characteristics of OER.

Thus, while teachers who used OER appeared to benefit from these resources, the concept was new to them, representing a disruption to the familiar way of preparing and delivering lessons. For further diffusion of OER as an innovation in teachers' learning and practice, concerted actions will be required, focused on building the collection of OER available in Afghan languages, explicit support in how to integrate OER into teaching, and on ensuring accessibility in the context of limited internet access in rural areas and a teacher population with widely varying levels of proficiency in using digital technology.

KIND OF DATA

Qualitative data [qul]

UNITS OF ANALYSIS

Individuals

KEYWORDS

Open Educational Resources, Digital library, Secondary education, Afghanistan

Coverage

GEOGRAPHIC COVERAGE

The interviews and survey data were conducted at four schools in one province in Afghanistan and are not representative of the country as a whole.

GEOGRAPHIC UNIT

The lowest level of geographic aggregation of the data is individual province.

UNIVERSE

The survey covered educators in the four institutions involved in the study.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Research on Open Educational Resources for Development	University of Cape Town

FUNDING

Name	Abbreviation	Role
International Development Research Centre	IDRC	funder

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
DataFirst		University of Cape Town	Metadata producer
ROER4D		University of Cape Town	Metadata producer

DATE OF METADATA PRODUCTION

2021-11-15

DDI DOCUMENT VERSION

Version 3

Sampling

No content available

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2016-04	2016-05	N/A

Data Collection Mode

Face-to-face [f2f]

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

Documentation

Questionnaires

1.1 Lesson Plan Form - Pre-Training

Title 1.1 Lesson Plan Form - Pre-Training
 Date 2016-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments for the study
 Filename 1.1-pre-training-form-instrument.pdf

1.2 Pre-training scoring rubric

Title 1.2 Pre-training scoring rubric
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments for the study
 Filename 1.2-pre-training-scoring-rubric-instrument.pdf

1.3 Pre-Test Questionnaire

Title 1.3 Pre-Test Questionnaire
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments for the study
 Filename 1.3-pre-training-survey-instrument.pdf

2.1 Lesson Plan Form - Post-Training

Title 2.1 Lesson Plan Form - Post-Training
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments for the study
 Filename 1.4-post-training-form-instrument.pdf

1.5 Post-training scoring rubric

Title 1.5 Post-training scoring rubric
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments for the study

Filename 1.5-post-training-scoring-rubric-instrument.pdf

1.6 Post-Training Questionnaire for Beneficiaries/Teachers

Title 1.6 Post-Training Questionnaire for Beneficiaries/Teachers
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments in the study
 Filename 1.6-post-training-survey-instrument.pdf

1.7 Teacher Classroom Observation Rubric

Title 1.7 Teacher Classroom Observation Rubric
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is one of the survey instruments for the study
 Filename 1.7-post-training-teacher-classroom-obs-instrument.pdf

Technical documents

Data de-indentification overview

Title Data de-indentification overview
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This document discusses the anonymisation of the data
 Filename sp10.4-data-de-identification.pdf

Dataset description

Title Dataset description
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This gives a description of the dataset
 Filename sp10.4-dataset-description.pdf

Variable description

Title Variable description
 Date 2017-01-01
 Country Afghanistan
 Language English
 Contributor(s) This is a description of the variables in the dataset
 Filename sp10.4-variable-description.pdf
